

YBC 1000 – QST30G4

COMPLETE DIESEL GENERATOR SET

ISSUE 2015

CONTENT

DESCRIPTION	1
FEATURES	1
GENSET SPECIFICATIONS	1
ENGINE SPECIFICATIONS	2
ALTERNATOR SPECS	2
CONTROL SYSTEM	2
GENSET OPTIONS	2

POWER RATING

RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
800	1000	880	1100

DATA SHEET SPECIFICATION 1000KVA - 1100KVA - 50 HZ



Description

Younes Bros generators are fully designed to maintain optimum performance and reliability using the finest solutions for technical simplicity and robust construction

Our generators are available with **CE** certification along with the installation Quality Assurance (**IQA**) from Cummins and designed in facilities certified to ISO 9001

**YBC 1000 - KTA50G3**

Features

- Cummins heavy duty engines
- Stamford Class H Alternators
- Deep Sea control system
- Water cooling system
- Optional weather 7 sound protective enclosures
- Genset accepts load as per NFPA110

Genset Specifications

Generating set KVA Prime 1000KVA Standby 1100 KVA, equipped with Cummins diesel engine type QST30G4 driving at 1500 RPM.

A single bearing Stamford alternator brushless, self excited, self regulated, insulation and temperature class H, PH 0.8, 220/380V, 3 phase, 4 wire regulated at +/- 1%, 50 Hz.

COMPLETE DIESEL GENERATOR SET

ISSUE 2015

Engine Specifications

- BRAND : CUMMINS
- TYPE : QST30G4
- Output prime rating : 1000 KVA
- Displacement : 30.48 Liter
- No of cylinders : Vee 12
- Ambient Temperature : 55°C
- Bore : 140 mm
- Stroke : 165 mm
- Cycle : 4 Stroke
- Aspiration : Turbo Charged & after cooled
- Running speed : 1500 RPM
- Fuel Consumption : 25% - 54 liter/hour
50% - 102 liter/hour
100% - 156 liter/hour
- Type of governor : Electronic (ISO 8528 Part I Class G3)
- Type of injection : Bosch P8500 LLA Direct Injection



Alternator Specifications

- Brand : Stamford
- Rated Voltage : 380 V
- Phase : 3
- Rotational Speed : 1500 RPM
- Power Factor : 0.8
- Frequency : 50 Hz

Control System

Deep Sea Automatic Start Control module that offers an advanced range of engine monitoring and protection features

Generator Set Options

- Engine:** Water jacket heater 220V
- Enclosure:** Sound attenuated canopy
- Alternator:** Alternator Heater
PMG kit
- Power Panel:** 4 Poles Main Circuit Breaker

- Warranty:** 5 Years for standby application
2 Years for prime application
- Silencer :** 9 dB attenuation industrial silencer
25 dB residential - delivered loose

Younes Bros s.a.r.l

- Address:** Nahr El Mott - Main Road - Beirut - Lebanon
- Contact us :** 00961-1-887886-901488-902488
- Fax :** 00961-1-901588
- Email :** info@younesbros.com

